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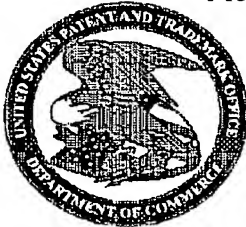
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Altkusy Duckel No. LM P130US 11/091,390

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Terner, Wesley  
 Serial No.: 10,092,390  
 Filing Date: March 29, 2005  
 Examiner: John Chapman  
 Group Art Unit: 3846  
 Title: SYSTEM AND METHOD TO CALIBRATE MULTIPLE SENSORS

Commissioner for Patents  
 Washington, D.C. 20331

**Facsimile Transmittal Receipt**

Date of Mailing: January 10, 2007

I hereby certify that the correspondence in being deposited with the United States Patent and Trademark Office, Office of the Commissioner for Patents, is in accordance with the provisions of 37 CFR 1.8(a) and (b), 37 CFR 1.6(f), and 37 CFR 1.101(a) and (b) and that the correspondence is being transmitted to the Office of the Commissioner for Patents, P.O. Box 1400, Alexandria, VA 22304-1400 in accordance with the provisions of 37 CFR 1.8(a) and (b), 37 CFR 1.6(f), and 37 CFR 1.101(a) and (b).

*Robert M. McLaughlin*

Robert M. McLaughlin

RESPONSE TO OBJECTION/RESTRICTION REQUIREMENT

Dear Sir:

Applicants hereby respond to the Office Action mailed November 30, 2006. This Response is made within the shortened statutory period and, therefore, no additional fee is required.

Applicants appreciate the time and effort by the Examiner in reviewing this application. In the Action, the Examiner alleges that the application contains claims directed to two (2) patentably distinct species.

Invention 1, (Claims 1-7 and 17-18), is drawn to a method and apparatus to penetrate and detect ultrasonic surface displacements at a remote target, classified in class 73, subclass 602.

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Attorney Docket No.: LM P120US


**JUN 11 2007**

11/092,390

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Turner, Wesley  
Serial No.: 10/092,390  
Filing Date: March 29, 2005  
Examiner: John Chapman  
Group Art Unit: 2856  
Title: SYSTEM AND METHOD TO CALIBRATE MULTIPLE  
SENSORS

Commissioner for Patents  
Washington, D.C. 20231

<p align="center"><b><u>Certification Under 37 C.F.R. 1.8</u></b></p> <p>Date of Mailing: <u>January 10, 2007</u> I hereby certify that this correspondence is being deposited with the United States Postal Service via First Class Mail with sufficient postage for mailing under 37 CFR § 1.8 on the date indicated above and addressed to the Mail Stop: Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office at 571-273-8300 under 37 CFR § 1.8 on the date indicated.</p> <p align="center"></p> <p align="center">_____ Robert McLauchlan</p>
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**RESPONSE TO ELECTION/RESTRICTION REQUIREMENT**

Dear Sir:

Applicants hereby respond to the Office Action mailed November 30, 2006. This Response is made within the shortened statutory period and, therefore, no additional fee is required.

Applicants appreciate the time and effort by the Examiner in reviewing this application. In the Action, the Examiner alleges that the application contains claims directed to two (2) patentably distinct species.

Invention I, Claims 1-5 and 12-18, is drawn to a method and apparatus to generate and detect ultrasonic surface displacements at a remote target, classified in class 73, subclass 655.

Attorney Docket No.: LM P120US

11/092,390

Invention II, Claims 6-11 and 19-25, is drawn to a method and apparatus to calibrate multiple optical sensors of an optical inspection system, classified in class 250, subclass 252.1

Accordingly, Applicants hereby traverse the examiners assertion and elect Invention I (the embodiment directed towards to a method and apparatus to generate and detect ultrasonic surface displacements at a remote target). Applicants reserve the right to file Divisional applications on the non-elected inventions.


Additionally, applicants respectfully traverse the examiner's assertion that the application contains claims directed to two (2) patentably distinct species.

#### CONCLUSION

Applicants have now made an earnest attempt to place this case in condition for allowance. For the foregoing reasons and for other reasons clearly apparent, Applicants respectfully request full allowance of Claims 1-25.

The Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 50-2126 of Garlick, Harrison and Markison.

Respectfully submitted,



By: \_\_\_\_\_

Robert A. McLauchlan  
Reg. No. 44,924

ATTORNEY FOR APPLICANT

Dated: January 10, 2007  
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